

Xanthan Gum

- Premium thickener and stabiliser
- Natural and organic
- Pleasant skin feel
- Excellent quality
- Highest purity



Jungbunzlauer

Xanthan Gum

Premium stabiliser for emulsions, foams and suspensions in personal care applications

Xanthan gum is a naturally occurring polysaccharide produced by fermentation. In cosmetic and personal care products xanthan gum is used as an exceptional thickener and stabiliser. It prevents sedimentation of solids, phase separation in oil-in-water emulsions and provides high foam stability.

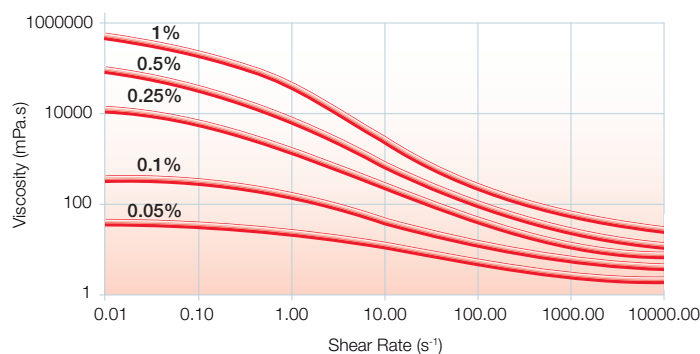


Advantages in cosmetic and personal care applications

Xanthan gum solutions are pseudoplastic, i.e. they show shear thinning flow behavior. This pseudoplasticity imparts a smooth texture to the final product and provides a pleasant use. Jungbunzlauer's xanthan gum can be used in a variety of cosmetic and personal care applications, such as lotions, creams, shower gels, shampoos, shaving foams, face masks and make-up.

Additional benefits of Jungbunzlauer's xanthan gum:

- Guarantees high solution viscosity even at low concentrations
- Stabilises the oil phase in oil-in-water emulsions used in lotions
- Suspends pigments and abrasives and other solid particles
- Provides excellent foam stability for shower gels, shampoos and shaving foams
- Facilitates mixing, pumping, filling and extrusion from tubes
- Maintains viscosity at varying temperatures
- Keeps an excellent stability over a wide pH range
- Compatible with humectants, surfactants and high salt-concentrations
- Soluble in both cold and hot water
- Tolerates alcohol and other organic solvents
- Resistant to enzymes



Shear thinning rheology of xanthan gum
Viscosity versus shear rate at different xanthan gum concentrations

Jungbunzlauer's xanthan gum personal care grades

Grades	Characteristics	Features
XG FNPC	normal granulation (80 mesh)	Free of cellulase, free of amylase, very low microbiology, highest purity
XG FNCS-PC	transparent, normal granulation (80 mesh)	
XG FNCSP-PC	reduced pseudoplasticity, transparent, normal granulation (80 mesh)	
XG FFPC	fine granulation (200 mesh)	
XG FFCS-PC	transparent, fine granulation (200 mesh)	
XG FFCSP-PC	reduced pseudoplasticity, fine granulation (200 mesh)	

Headquarters

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